























INDIAN SCHOOL AL WADI AL KABIR
Class VI, Mathematics
WORKSHEET – Data Handling MCQ
05-10-2021

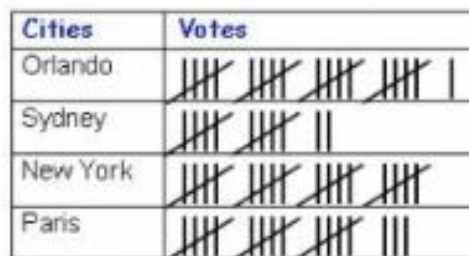
Multiple Choice questions

| Q.1. | <p>The number of scouts in a school is depicted by the following pictograph. Which class has exactly four times the scouts as that of class X?</p> | <table border="1" style="margin: auto;"> <thead> <tr> <th>Class</th> <th>Number of scouts</th> <th>☺ = 10 Scouts</th> </tr> </thead> <tbody> <tr> <td>VI</td> <td>☺ ☺ ☺ ☺</td> <td></td> </tr> <tr> <td>VII</td> <td>☺ ☺</td> <td></td> </tr> <tr> <td>VIII</td> <td>☺ ☺ ☺ ☺ ☺ ☺</td> <td></td> </tr> <tr> <td>IX</td> <td>☺ ☺ ☺</td> <td></td> </tr> <tr> <td>X</td> <td>☺</td> <td></td> </tr> </tbody> </table> | Class | Number of scouts | ☺ = 10 Scouts | VI | ☺ ☺ ☺ ☺ | | VII | ☺ ☺ | | VIII | ☺ ☺ ☺ ☺ ☺ ☺ | | IX | ☺ ☺ ☺ | | X | ☺ | |
|-------------|--|--|--------|------------------------|---------------|----------|-------------|----------|-------|-----|---------|------|-------------|----|----|-------|--|---|---|--|
| Class | Number of scouts | ☺ = 10 Scouts | | | | | | | | | | | | | | | | | | |
| VI | ☺ ☺ ☺ ☺ | | | | | | | | | | | | | | | | | | | |
| VII | ☺ ☺ | | | | | | | | | | | | | | | | | | | |
| VIII | ☺ ☺ ☺ ☺ ☺ ☺ | | | | | | | | | | | | | | | | | | | |
| IX | ☺ ☺ ☺ | | | | | | | | | | | | | | | | | | | |
| X | ☺ | | | | | | | | | | | | | | | | | | | |
| | <table style="width: 100%; text-align: center;"> <tr> <td style="width: 12.5%;">A</td> <td style="width: 12.5%;">VI</td> <td style="width: 12.5%;">B</td> <td style="width: 12.5%;">VII</td> <td style="width: 12.5%;">C</td> <td style="width: 12.5%;">VIII</td> <td style="width: 12.5%;">D</td> <td style="width: 12.5%;">IX</td> </tr> </table> | A | VI | B | VII | C | VIII | D | IX | | | | | | | | | | | |
| A | VI | B | VII | C | VIII | D | IX | | | | | | | | | | | | | |
| Q.2. | <p>The following graph gives the information about the number of railway tickets sold for different cities on a railway ticket counter between 6:00am and 10:00am on a particular day. By how much the number of tickets sold for Delhi and Jaipur together exceeds the total number of tickets sold for Patna and Chennai.</p> | <table style="margin: auto; font-size: small;"> <caption>Number of tickets sold by city</caption> <thead> <tr> <th>City</th> <th>Number of tickets sold</th> </tr> </thead> <tbody> <tr> <td>Patna</td> <td>80</td> </tr> <tr> <td>Jaipur</td> <td>50</td> </tr> <tr> <td>Delhi</td> <td>100</td> </tr> <tr> <td>Chennai</td> <td>20</td> </tr> <tr> <td>Guwahati</td> <td>45</td> </tr> </tbody> </table> | City | Number of tickets sold | Patna | 80 | Jaipur | 50 | Delhi | 100 | Chennai | 20 | Guwahati | 45 | | | | | | |
| City | Number of tickets sold | | | | | | | | | | | | | | | | | | | |
| Patna | 80 | | | | | | | | | | | | | | | | | | | |
| Jaipur | 50 | | | | | | | | | | | | | | | | | | | |
| Delhi | 100 | | | | | | | | | | | | | | | | | | | |
| Chennai | 20 | | | | | | | | | | | | | | | | | | | |
| Guwahati | 45 | | | | | | | | | | | | | | | | | | | |
| | <table style="width: 100%; text-align: center;"> <tr> <td style="width: 12.5%;">A</td> <td style="width: 12.5%;">100</td> <td style="width: 12.5%;">B</td> <td style="width: 12.5%;">20</td> <td style="width: 12.5%;">C</td> <td style="width: 12.5%;">60</td> <td style="width: 12.5%;">D</td> <td style="width: 12.5%;">50</td> </tr> </table> | A | 100 | B | 20 | C | 60 | D | 50 | | | | | | | | | | | |
| A | 100 | B | 20 | C | 60 | D | 50 | | | | | | | | | | | | | |
| Q.3. | <p>The tally chart shows the data collected among children about their choices of drinks. From the table what is the most popular drink?</p> | <table border="1" style="margin: auto;"> <thead> <tr> <th>Drinks</th> <th>Votes</th> </tr> </thead> <tbody> <tr> <td>Apple Juice</td> <td> </td> </tr> <tr> <td>Pepsi</td> <td> </td> </tr> <tr> <td>Coke</td> <td> </td> </tr> <tr> <td>Milk</td> <td> </td> </tr> </tbody> </table> | Drinks | Votes | Apple Juice | | Pepsi | | Coke | | Milk | | | | | | | | | |
| Drinks | Votes | | | | | | | | | | | | | | | | | | | |
| Apple Juice | | | | | | | | | | | | | | | | | | | | |
| Pepsi | | | | | | | | | | | | | | | | | | | | |
| Coke | | | | | | | | | | | | | | | | | | | | |
| Milk | | | | | | | | | | | | | | | | | | | | |
| | <table style="width: 100%; text-align: center;"> <tr> <td style="width: 12.5%;">A</td> <td style="width: 12.5%;">Milk</td> <td style="width: 12.5%;">B</td> <td style="width: 12.5%;">Pepsi</td> <td style="width: 12.5%;">C</td> <td style="width: 12.5%;">Apple juice</td> <td style="width: 12.5%;">D</td> <td style="width: 12.5%;">Coke</td> </tr> </table> | A | Milk | B | Pepsi | C | Apple juice | D | Coke | | | | | | | | | | | |
| A | Milk | B | Pepsi | C | Apple juice | D | Coke | | | | | | | | | | | | | |
| Q.4. | <p>What is the frequency corresponding to the tally mark </p> | | | | | | | | | | | | | | | | | | | |
| | <table style="width: 100%; text-align: center;"> <tr> <td style="width: 12.5%;">A</td> <td style="width: 12.5%;">12</td> <td style="width: 12.5%;">B</td> <td style="width: 12.5%;">14</td> <td style="width: 12.5%;">C</td> <td style="width: 12.5%;">15</td> <td style="width: 12.5%;">D</td> <td style="width: 12.5%;">16</td> </tr> </table> | A | 12 | B | 14 | C | 15 | D | 16 | | | | | | | | | | | |
| A | 12 | B | 14 | C | 15 | D | 16 | | | | | | | | | | | | | |

| | | | | | |
|-------------|---|--|-----------|---|---|
| Q.5. | Sale of table lamps on different days of a week is shown below. How many table lamps were sold on Friday. | | Days | |  = 2 Table Lamps |
| | | | Monday |    | |
| | | | Tuesday |     | |
| | | | Wednesday |   | |
| | | | Thursday |  | |
| | | | Friday |      | |
| | | | Saturday |   | |
| | | | Sunday |     | |

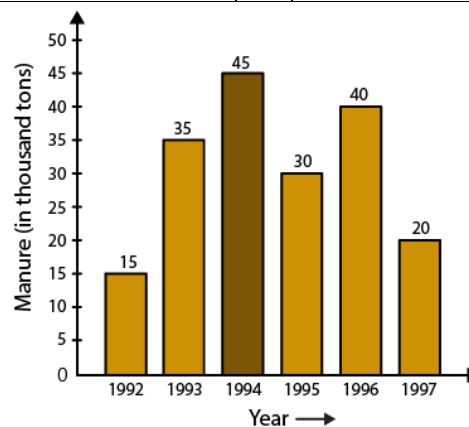
| | | | | | | | |
|----------|---|----------|---|----------|----|----------|---|
| A | 4 | B | 5 | C | 10 | D | 8 |
|----------|---|----------|---|----------|----|----------|---|

Q.6. A Survey was conducted among People to know their favorite city in the world. How many people choose Sydney as their favorite city?



| | | | | | | | |
|----------|----|----------|----|----------|----|----------|----|
| A | 21 | B | 10 | C | 12 | D | 18 |
|----------|----|----------|----|----------|----|----------|----|

Q.7. The following bar graph gives the amount of manure (in thousand tons) manufactured by a company during some years. The consecutive years during which there was maximum decrease in manure production are:



| | | | | | | | |
|----------|---------------|----------|---------------|----------|---------------|----------|---------------|
| A | 1995 and 1996 | B | 1996 and 1997 | C | 1992 and 1993 | D | 1994 and 1995 |
|----------|---------------|----------|---------------|----------|---------------|----------|---------------|

| | | | | | |
|-------------|--|-----------|--|-------------|--|
| Q.8. | Thirty students were interviewed to find out what they want to be in future. Their responses are arranged in a tabular form as given. How many students wanted to become Engineer? | Responses | | Tally Marks | |
| | | Doctor | | | |
| | | Engineer | | | |
| | | Pilot | | | |
| | | Officer | | | |
| | | Lawyer | | | |

| | | | | | | | |
|----------|---|----------|---|----------|---|----------|----|
| A | 2 | B | 8 | C | 6 | D | 10 |
|----------|---|----------|---|----------|---|----------|----|

| | | | | | |
|-------------|---|----------------------|--|---------------------|--|
| Q.9. | The following table shows the number of books in various categories in a kid's library. From the table, there are _____ more books in the Fiction category than in the Language category. | Type of books | | No. of books | |
| | | Fiction | | 120 | |
| | | Comic | | 80 | |
| | | Educational | | 260 | |
| | | Science | | 250 | |
| | | Language | | 100 | |

| | | | | | | | |
|----------|----|----------|----|----------|----|----------|----|
| A | 80 | B | 20 | C | 50 | D | 40 |
|----------|----|----------|----|----------|----|----------|----|

Q.10. If * represents 5 balloons, number of symbols to be drawn to represent 60 balloons is:

| | | | | | | | |
|----------|---|----------|----|----------|----|----------|----|
| A | 5 | B | 60 | C | 10 | D | 12 |
|----------|---|----------|----|----------|----|----------|----|

| | | | | | | | | | |
|--------------|--|--------|--|-------------|--|--|--|--|--|
| Q.11. | The following pictograph shows the number of cars sold by four car dealers A, B, C and D in a city. Using the pictograph how many more cars dealer A sold as compared to dealer D? | Dealer | | No. of cars | | | | | |
| | | A | | | | | | | |
| | | B | | | | | | | |
| | | C | | | | | | | |
| | | D | | | | | | | |

| | | | | | | | |
|----------|----|----------|-----|----------|---|----------|-----|
| A | 50 | B | 100 | C | 2 | D | 150 |
|----------|----|----------|-----|----------|---|----------|-----|

Q.12. Good time pizza makers are best in making pizza with six different toppings. They took a survey about the customer's favourite toppings and recorded the results in a bar graph. From the bar graph which topping has got 250 votes?

| Topping | Number of votes |
|-----------|-----------------|
| Tomato | 50 |
| Pepper | 120 |
| Onion | 200 |
| Pepperoni | 320 |
| Bacon | 150 |
| Mushroom | 250 |

| | | | | | | | |
|----------|-------|----------|-----------|----------|----------|----------|-------|
| A | Onion | B | Pepperoni | C | Mushroom | D | Bacon |
|----------|-------|----------|-----------|----------|----------|----------|-------|

Q.13. In a pictograph, if a symbol represents 20 flowers in a basket, then stands for how many flowers?

| | | | | | | | |
|----------|---|----------|----|----------|---|----------|----|
| A | 8 | B | 40 | C | 4 | D | 80 |
|----------|---|----------|----|----------|---|----------|----|

Q.14. The choices of the fruits of 42 students in a class are as follows:
A, B, G, M and **O** stands for the fruits Apple, Banana, Grapes, Mango and Orange respectively. Which two fruits are liked by an equal number of students?

A, O, B, M, A, G, B, G, A, G, B, M, A, G,
M, A, B, G, M, B, A, O, M, O, G, B, O, M,
G, A, A, B, M, O, M, G, B, A, M, O, M, O

| | | | | | | | |
|----------|---------|----------|---------|----------|---------|----------|---------|
| A | A and M | B | M and B | C | B and O | D | B and G |
|----------|---------|----------|---------|----------|---------|----------|---------|

Q.15. From the given pictograph how many strawberries does Sally have?

| Number of strawberries with each student | |
|--|--|
| Cerise | |
| Ed | |
| George | |
| Sally | |

Each = 2 strawberries

| | | | | | | | |
|----------|---|----------|---|----------|----|----------|----|
| A | 7 | B | 9 | C | 13 | D | 12 |
|----------|---|----------|---|----------|----|----------|----|

FILL IN THE BLANKS

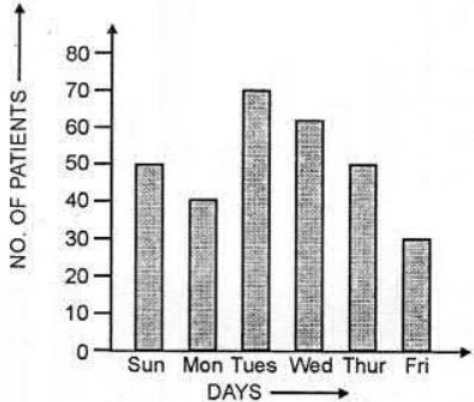

Q16. A _____ is a collection of numbers gathered to give some information.

Q17. _____ is method of representing data in uniform width size horizontal or vertical bar with equal spacing.

Q18. The data can be arranged in a tabular form using _____ marks.

Q19. A _____ represents data through pictures of objects.

Q20. In a bar graph the spacing between each rectangle is always _____.

| | | | | | | | | |
|-------------|--|---------------------|--|-----------------|----------|-------------------|----------|----------------------|
| Q21. | Case Study: | |  | | | | | |
| | <p>The bar graph, given shows the number of patients, examined by Dr. V.K. Bansal on different days of a particular week. Use the graph to answer the following questions.</p>  | | | | | | | |
| I | On which day were the maximum number of patients examined? | | | | | | | |
| | A | Sunday | B | Tuesday | C | Wednesday | D | Thursday |
| II | On which days were equal number of patients examined? | | | | | | | |
| | A | Tuesday & Wednesday | B | Monday & Friday | C | Sunday & Thursday | D | Wednesday & Thursday |
| III | On which day were the least number of patients examined? | | | | | | | |
| | A | Wednesday | B | Thursday | C | Monday | D | Friday |
| IV | What is the total number of patients examined in the week? | | | | | | | |
| | A | 300 | B | 250 | C | 400 | D | 550 |
| V | How many more students were examined on Monday than on Friday? | | | | | | | |
| | A | 30 | B | 40 | C | 10 | D | 20 |

Answers:

| | | | | | | | | | |
|-------------|------------|--------------|----------------------|---------------|-------------|--------------|-------------------|-------------|-------|
| 1 | A) VI | 2 | D) 50 | 3 | D) Coke | 4 | B) 14 | 5 | C)10 |
| 6 | C) 12 | 7 | B) 1996 and 1997 | 8 | C) 6 | 9 | B) 20 | 10 | D) 12 |
| 11 | B)100 | 12 | C) Mushroom | 13 | D) 80 | 14 | D) B and G | 15 | C) 13 |
| 16 | Data | 17 | Bar graph | 18 | Tally marks | 19 | Pictograph | 20 | Equal |
| 21 I | B) Tuesday | 21 II | C) Sunday & Thursday | 21 III | D) Friday | 21 IV | A) 300 | 21 V | C) 10 |